

Title (en)

A communications adapter and method for operating it

Title (de)

Datenübertragungsadapter und Verfahren zu dessen Betrieb

Title (fr)

Adaptateur de communication et méthode pour l'opérer

Publication

EP 0442615 B1 19981216 (EN)

Application

EP 91300418 A 19910118

Priority

US 47977790 A 19900214

Abstract (en)

[origin: EP0442615A2] A serial communications adapter 22 provides an interface to physical communications ports 32,34. A scheduler executing on the adapter schedules tasks at different priority levels, so that time-critical tasks are performed quickly enough to prevent data loss. Data to be transmitted or received through a communications port is stored in buffers on the adapter, and data and command communications between the adapter and the host system are preferably performed over a DMA channel. <IMAGE>

IPC 1-7

G06F 9/46; **G06F 13/12**

IPC 8 full level

G06F 9/46 (2006.01); **G06F 9/48** (2006.01); **G06F 13/00** (2006.01); **G06F 13/12** (2006.01)

CPC (source: EP KR US)

G06F 9/4843 (2013.01 - EP US); **G06F 13/122** (2013.01 - EP US); **G06F 13/38** (2013.01 - KR)

Citation (examination)

EP 0192956 A1 19860903 - IBM [US]

Cited by

US7809068B2; WO2007075328A1; GB2433333A; GB2433333B; EP0523878A1; US5293486A; EP1357477A3; EP1846838A4; US7822884B2; US6266715B1; US7340539B2; WO9407196A1; WO9217796A1; WO9963448A1

Designated contracting state (EPC)

DE FR GB

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EP 0442615 A2 19910821; **EP 0442615 A3 19921216**; **EP 0442615 B1 19981216**; AU 649642 B2 19940602; AU 6935991 A 19910815; CN 1021536 C 19930707; CN 1054160 A 19910828; DE 69130620 D1 19990128; DE 69130620 T2 19990722; JP H04215158 A 19920805; JP H0727503 B2 19950329; KR 920000035 A 19920110; KR 950002713 B1 19950324; MY 105323 A 19940930; NZ 236764 A 19950726; SG 42809 A1 19971017; US 5247671 A 19930921

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EP 91300418 A 19910118; AU 6935991 A 19910114; CN 91100567 A 19910131; DE 69130620 T 19910118; JP 2372191 A 19910125; KR 910001522 A 19910130; MY PI19910056 A 19910114; NZ 23676491 A 19910114; SG 1995002120 A 19910118; US 47977790 A 19900214